

Preliminary Agenda

National Toxicology Program

High Throughput Screening Assays Workshop

December 14-15, 2005

Hyatt Regency Crystal City, Arlington, VA

Wednesday, December 14, 2005

8:30 AM Introduction

Purpose of the HTS workshop

Overview of HTS

A Historical Review of High Throughput Screening and the Impact of Improved Analytical Methods

Overview of *in vitro* toxicology assays relevant to NTP HTS assays

Chemical libraries

Second level triage and case studies

12:00 PM Lunch

Difficulties associated with *in vivo* prediction based on HTS assays

Use of toxicology information in public health decision-making

Public comment

2:45 PM Breakout group meetings

Selection of targets and assays for NTP high throughput screening

- Public comment

Conduct of studies including chemical selection, study design, and analytical methods

- Public comment

Data storage, analysis, and interpretation

- Public comment

Application of data from high throughput screening assays in regulatory decision-making

- Public comment

5:00 PM Adjourn

Convene chairs and co-chairs to discuss major conclusions from afternoon session and strategize for coordinated presentations on Thursday, December 15, 2005.

Thursday, December 15, 2005

8:30 AM Breakout groups convene for discussion

11:30 AM Lunch

1:00 PM Breakout group Chair presents summary of discussion

2:00 PM Open Discussion and Wrap-up

3:00 PM Adjourn